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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION 01 STATE 02 SITE NUMBER ILD 074381666	
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) Amphencol Products		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 2801 South. 25 th Ave	
03 CITY Broadview	04 STATE IL	05 ZIP CODE 60153	06 COUNTY Cook
07 COUNTY CODE 031		08 CONG DIST IL-13	
09 COORDINATES LATITUDE: 41 51 10.0 LONGITUDE: 087 51 32.0		Berwyn, IL (320)	
10 DIRECTIONS TO SITE (Starting from nearest public road) I-55 to La Grange Road. Take La Grange Road North (approx 4 1/2 miles) to Harding Ave. Take Harding Ave East (approx 3/4 mile) to Kenman Ave. Take Kenman Ave North. Kenman Turns into 25 th Ave. Site is approx 1 1/2 miles.			
III. RESPONSIBLE PARTIES			
01 OWNER (if known) Allied Amphencol Products		02 STREET (Business, mailing, residential) 4300 Commerce Court	
03 CITY Lisle	04 STATE IL	05 ZIP CODE 60532	06 TELEPHONE NUMBER (312) 983-3500
07 OPERATOR (if known and different from owner) 		08 STREET (Business, mailing, residential) 	
09 CITY 		10 STATE 	11 ZIP CODE
12 TELEPHONE NUMBER ()		 	
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: 08/18/80 MONTH DAY YEAR <input checked="" type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 04/19/85 MONTH DAY YEAR <input type="checkbox"/> C. NONE			
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE: 06/21/82 MONTH DAY YEAR <input type="checkbox"/> NO DATE: 06/07/85 MONTH DAY YEAR		BY (Check all that apply) <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)	
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR: 1959 ENDING YEAR: 1985 <input type="checkbox"/> UNKNOWN	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Sludge (Toxic) Other Organic Chemicals (Toxic) Oil Waste (Ignitable) Acids (Toxic, Corrosive) Solvents (Toxic, Ignitable) Heavy Metals (Toxic)			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Groundwater (Population/Environment) Surface Water (Environment)			
V. PRIORITY ASSESSMENT			
01 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
VI. INFORMATION AVAILABLE FROM			
01 CONTACT Mary Dinkel		02 OF (Agency/Organization) IEPA	
04 PERSON RESPONSIBLE FOR ASSESSMENT Gregory W. Dunn		05 AGENCY LPC	06 ORGANIZATION RPMS
07 TELEPHONE NUMBER (217) 782-6761		08 DATE 01/21/82 MONTH DAY YEAR	

EPA FORM 2070-12 (7-81)

000521 DP

EPA Region 5 Records Ctr.



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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
ILD 074381666

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER FINES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER (Specify) <input type="checkbox"/> E SLURRY <input checked="" type="checkbox"/> F LIQUID <input type="checkbox"/> G GAS	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS 0 CUBIC YARDS UNKNOWN NO OF DRUMS UNKNOWN	03 WASTE CHARACTERISTICS (Check all that apply) <input checked="" type="checkbox"/> A TOXIC <input checked="" type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input type="checkbox"/> D PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input type="checkbox"/> G FLAMMABLE <input checked="" type="checkbox"/> H IGNITABLE <input type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE
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III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	UNKNOWN	LY	Sludge from Treatment Plant - Hazardous
OLW	OILY WASTE	UNKNOWN	UNKNOWN	mostly oil and grease wastes
SOL	SOLVENTS	UNKNOWN	UNKNOWN	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	UNKNOWN	UNKNOWN	
IOC	INORGANIC CHEMICALS			
ACD	ACIDS	UNKNOWN	UNKNOWN	
BAS	BASES			
MES	HEAVY METALS	UNKNOWN	UNKNOWN	

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
OCC	Trichloroethylene	79-01-6	TK	UNKNOWN	
ACD	Sulfuric Acid	7664-93-9	TK		
ACD	Hydrofluoric Acid	7664-39-3	TK		
	HAZARDOUS CONSTITUENTS OR COMPOUNDS USED AT SITE				
	Zinc	999			
	Silver	999			
	Gold	999			
	Cadmium	7440-43-9			
	Copper	999			
	Nickel	7440-02-0			
	Tin	999			
	Lead	999			
	Rhodium	999			

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references e.g. state files, sample analysis reports)

ILLinois EPA Land Files
ILLinois EPA Water Files



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
ILD 074381666

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☒ OBSERVED (DATE 12/17/85) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 710,000 04 NARRATIVE DESCRIPTION
Analytical results from groundwater monitor wells at the site indicate contamination by organic compounds and heavy metals. More specifically, the contaminants include TCE, Trans-1,2-dichloroethylene, copper, nickel and cyanide.

01 ☒ B SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE 1985) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 0 04 NARRATIVE DESCRIPTION
Addison Creek which is less than 1/2 mile from site, can be contaminated. A drainage ditch runs from the north side of the plant to the creek. Low levels of contamination have been found in creek sediments but can not be attributed to this facility.

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION

01 ☒ F CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE 1985) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED UNKNOWN (ACRES) 04 NARRATIVE DESCRIPTION
Soil contamination has occurred at the site due to spills and leakage from past practices. Contaminants shown are heavy metals and low levels of volatile organic compounds.

01 ☒ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE) ☒ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 710,000 04 NARRATIVE DESCRIPTION
Many nearby cities have wells for drinking. The wells range from 352 feet to over 2000 feet deep. Contamination to these aquifers could occur if migration of contaminants continue.

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE) POTENTIAL ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

01 ☐ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
ILD 074381666

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Spills, runoff, standing liquids, leaking drums)

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 710,000

IV. COMMENTS

At this time, a voluntary site assessment is taking place at the facility. The buildings and grounds are being cleaned up for eventual sale of property. Monitor wells are being monitored for detection of contaminants.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ILLINOIS EPA Land Files

ILLINOIS EPA Water Files

IEPA - DPLG Groundwater Withdrawals from Aquifers in Illinois with Emphasis on PWS wells. (Report 1981)

EXECUTIVE SUMMARY

Amphenol Products, Broadview Connector Operations, is located in the SW $\frac{1}{4}$ of Section 22, Township 39 North, Range 12 East in Cook County, Illinois. More specifically, the address is 2801 South 25th Avenue, Broadview, Illinois. The plant is owned by Bunker Ramo - Eltra Corporation, a wholly owned subsidiary of Allied Corporation, Morristown, NJ.

The facility began operations in 1959, initially, as a fabrication and assembly plant for the electrical and electronics industry. The process included molding, plating and machining of connectors. In the latter years of operation, the facility was involved in the manufacturing of connectors for the aerospace industry. Operations at the facility were discontinued in 1985.

The plant had an NPDES Permit (IL#005061), issued on March 29, 1983, for industrial pretreatment facilities consisting of a cyanide destruction tank, chrome reduction tank, neutralization tank and a clarifier filter press. The electroplating waste water from the pretreatment facility was discharged into an existing 12" sanitary sewer linked to Metropolitan Sanitary District of Greater Chicago Sewage Treatment Plant. Amphenol also had a Division of Air Pollution Control number (#031030AAD), but no permits were issued.

Hazardous wastes at the site include zinc, gold, silver, cadmium, copper, nickel, tin, lead and rhodium, which were used in the plating operations. Other wastes are diesel fuel, trichloroethylene, hydrofluoric acid, sulfuric acid, cyanide and other caustic compounds. The facility also generated hazardous wastes, which are listed in Table 1 with the disposal sites.

Groundwater samples have indicated the presence of contaminants in and around the site. Samples show concentrations of TCE, trans-1,2-dichloroethylene, 1,1,1-Trichloroethane, copper, nickel and cyanide. Trace amounts of contaminants were found for vinyl chloride, oil and grease, methylene chloride and 2-Butanone. Sediment samples from the drainage ditch and Addison Creek detected acetone, toluene and trace amounts of chloroform. Surface water samples from the drainage ditch contained methylene chloride and trace amounts of DCE (dichloroethylene). Water samples from Addison Creek found no levels of contamination higher than background levels. Soil contamination exists at the site due to minor surface spills and leaks from normal operations over the years.

The facility is a voluntary clean-up site by the Allied Corporation. IT Corporation is the consulting firm for the company and is involved in the assessment of existing conditions at the site. Monitor wells have been placed and monitored on a quarterly basis. Two underground tanks have been removed and the holes were backfilled with concrete. The tanks were not found to be leaking and no soil contamination was detected; therefore, a medium priority is assigned with a site inspection recommended. Soil, groundwater and surface water samples should be taken to see if contamination has spread. All samples should have a priority pollutant analysis completed.

GWD:tk:4/18/30(1/28/87)